

RULES AND REGULATIONS (ROBOTICS - SENIORS)

Eligibility Criteria:

- Participant Eligibility: Diploma, Degree, B. Tech students are eligible to participate.

Team Composition and Roles:

- Each team must consist of 2 or 4 members (Odd-numbered team participation is not allowed).
- In teams of 4 members, they are divided into 2 sub-teams, each comprising 1 driver and 1 navigator.
- For 4-member teams, 2 members will take turns as drivers, while the other 2 will act as navigators. In a 2-members team, they will alternate between driving and navigating.

Registration and Replacement Policies:

- Registered participants cannot be replaced until the finals.
- Only one robot model can be used throughout the competition.
- Participants will receive a confirmation email upon registration for prelims and zonal levels.

Robot Handling and Specifications:

- Robots must undergo inspection by the coordinator before each competition level. (40 x 35 cm L x B) Robots exceeding the size limit and weight more than 7 kilograms will lead to disqualification.
- Robot can be either wired (maximum 3-meter wire) or wireless, based on team preference.
- Participants are responsible for any damage to their robots.

Driving and Movement:

- Test runs are not permitted in or around the competition arena.
- Any changes to the rules will be communicated before the competition commences.
- Drivers must remain within their designated area and are not allowed to move. Only navigators can move around the arena to guide the driver.
- Participants must not disturb the arena during the competition. Any disturbance will result in immediate disqualification.

Judging and Selection:

- Judges' decisions are final at every level. Teams that violate rules or cause disruptions will be disqualified.
- Teams will be evaluated based on their ability to skillfully control the robot and complete tasks efficiently within the given time.

Robot Specifically:

- Dimension of robot L x B = 40 cm x 35 cm. Weight less than or equal to 7 kilograms.
- Models allowed: any model are allowed, other than ready make robot.

Arena specification:

- For Zonal Level: 5 x 9 feet with obstacles
- For Final Level: 12 x 9 feet the arena is split into two for two teams to participate at once. It also includes obstacles.